

# 'Orient'

## HAND OPERATED CRAB WINCHES for Wire-Rope

'ORIENT' brand CRAB WINCH Machines are of robust constructions with Mild Steel side plate or Frame type fabricated with M. S. Angle at base M. S. Machined shafts with M. S. Tie-Rod and M. S. Handle. The Main Penions and Driving Penions are made from Cast Iron.

Drum is of Mild Steel Fabricated, Cast Iron Drum, may be supplied against specific requirements. Brake - Screw type.

Note—Special type Crab Winches with milling cut gears can also be supplied against customers' orders.

### SPECIFICATIONS

Capacity in Tonne	Direct from Drum	Drum O/D mm	Drum Length mm	Thick of side plate mm	No. of Shaft	Dia of Tie Rod mm	No. of Tie Rod	Height mm	Width mm	No. of Purchase	Wt. Approx. Kg.	Dia. of Main Penion	Dia. of Wire rope mm
1/4	"	75	315	8	1	12	3	425	438	Single	60	312	7
1/2	"	75	415	8	1	12	3	550	450	"	80	350	9
1	"	100	450	10	2	15	3	750	500	Double	100	450	12
2	"	125	500	10	2	18	3	900	650	"	200	650	15
3	"	150	550	10	2	18	3	900	750	"	270	650	15
5	"	175	700	10	2	20	3	1200	900	"	560	850	22
7	"	200	750	10	2	24	3	1200	900	"	650	925	22
8	"	225	750	10	3	32	4	1200	900	Triple	900	900	25
10	"	225	750	10	3	38	4	1200	900	"	1000	900	25
12	"	250	850	12	3	38	4	1350	900	"	1100	900	32
15	"	275	850	12	3	28	4	1350	1050	"	1200	975	37
20	"	300	850	15	3	32	4	1425	1200	"	1500	975	50

### HAND OPERATED PORTABLE STEEL WIRE-ROPE HOIST, WORM-GEAR

This HOIST has gears of the double-Threaded Course-Pitch type, cut from the solid blanks. The Worm Shaft is hardened and runs in a Gun-metal bearing. There is an automatic brake.

### SPECIFICATIONS

Working Load capacity in Tonne	1/2	1	1.1/2	2	3
Tested Load in Tonne	3/4	1.1/2	2.1/2	3	4.1/2
Length of Steel Wire in MM	10	10	10	10	10
Dia of Wire-Rope in MM	10	10	12	15	15
Gravity lowering speed in feet per minute	80	60	50	35	25

... Measurement have been given approximately and subject to  $\pm 10$  mm manufacturing tolerance.